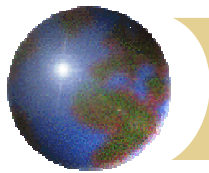


LPG Technology Update

USA – Mexico LPG Workshop

November 6 & 7 , 2003

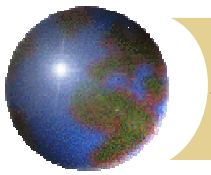
Mexico City



LPG Dispensers

- ⊕ Gasoline Style Dispensers
- ⊕ POS Compatible
- ⊕ Card Activated and Auto-Receipt
- ⊕ Accurate Read-Out to 4 Decimals
- ⊕ Network Capable
- ⊕ Debit & Credit Cards

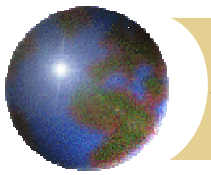




Nozzle Technology

- ⊕ Positive Connect System
- ⊕ Less than 2 cc's Refueling Emissions
- ⊕ Cannot Disconnect While Fueling
- ⊕ Various Sizes to Accommodate Vehicle Refueling and Bulk Delivery
- ⊕ In-Line Swivel and Mesh Filter

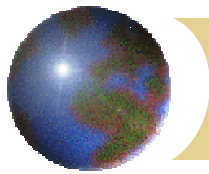




TriPod System

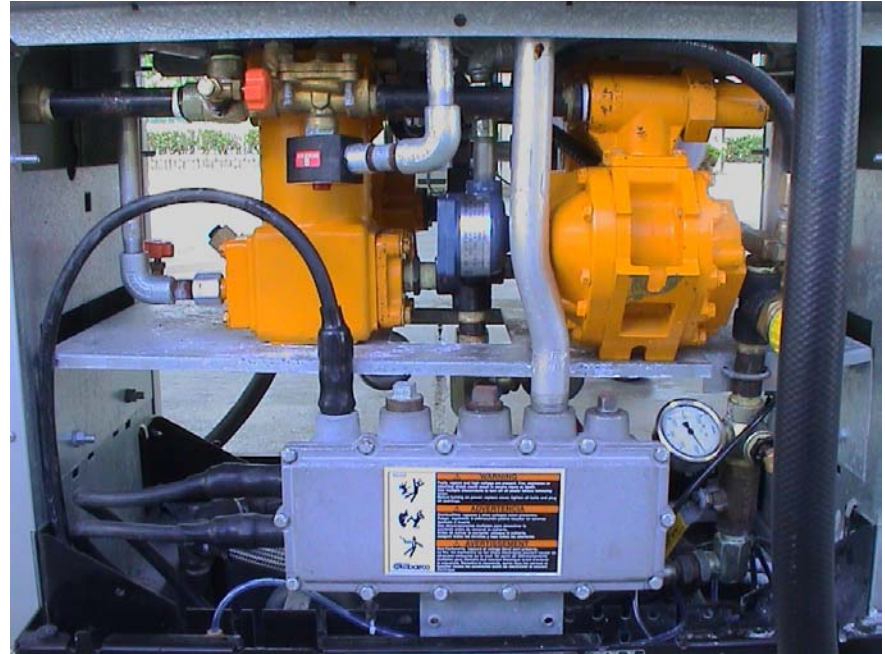
- ✚ TriPod Safety Disconnect System
- ✚ Protects LPG Piping and Prevents Spillage When Dispenser Is Sheared From Island
- ✚ Engineered Specific For This Task
- ✚ 306 Stainless
- ✚ Reusable

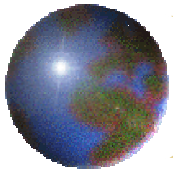




Measurement Technology

- ❖ Positive Displacement Meter That Features Electronic Pulse
- ❖ Easier to Calibrate
- ❖ Auto Temperature Compensation
- ❖ 16 point Linearized Pulse For The Best in Accuracy
- ❖ Programmable for Average Specific Gravity Using API Tables

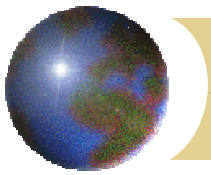




Autogas Pump

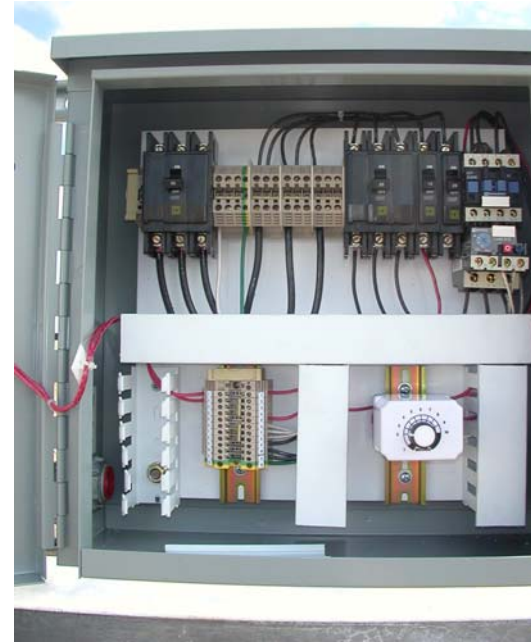
- ⊕ Designed for Continuous Duty
- ⊕ Optimal For Higher Differential Pressure Requirements
- ⊕ No Metal to Metal Contact
- ⊕ Ideal for Dual Hose Dispensers and Underground Tanks
- ⊕ Easy to Repair

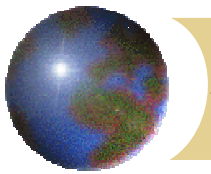




Control Panel

- ⊕ Integrated E-Stop
- ⊕ Allows Dispenser Computer to Control the Whole Station
 - ⊞ Pump, Motor, Pneumatic Tank Valves, & Unit Authorization
- ⊕ Minimize On-Site Construction Time and Electrician Time





Tank Monitoring

- ❖ Small, inexpensive, battery operated
- ❖ Long Life Without Servicing (3 – 5 yrs)
- ❖ Two-Way Communication for Monitoring and Control
- ❖ Single Frequency Decrease's Complexity
- ❖ Excess Memory & GPS Option Enables Growth
- ❖ Simple Installation

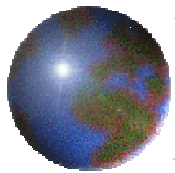


Satellite Communicator



Radio, Modem & Processor



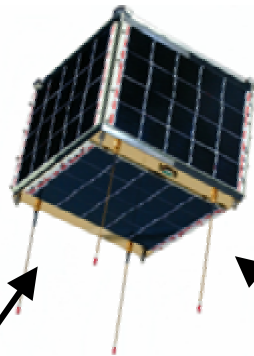


Tank Monitoring Flow Chart

- Tag installed on tank lid at depot



Monitoring Tag



- Improved delivery routing
- Reduce “out of gas” events
- Reduce or Eliminate Unauthorized Tank Use



Earth Station

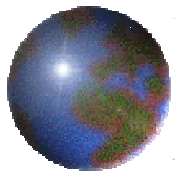


Internet



Customer Information

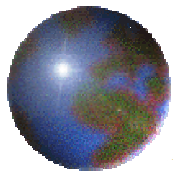
- Tank lid replacement/sensor hook up in 5 minutes



8.1 Liter GM Engine

- ❖ Liquid Injection System works well with LPG
- ❖ More Efficient and Cleaner Burning
- ❖ 8.1 Liter Engine is perfect size for Delivery Vehicles, Bobtails and Industrial Agriculture Applications
- ❖ Over 5,000 in Operation Today in the Schwans Delivery Fleet





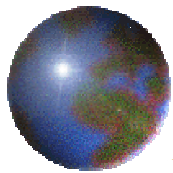
Standard Propane & E85 Models



CFT-PRO-4100M



CFT-PRO-6100



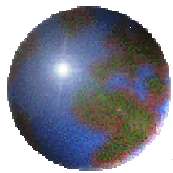
Standard Propane & E85 Models



CFT-PRO-7100



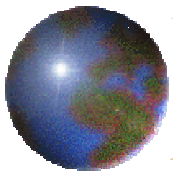
CFT-PRO-G-3100



Propane Skid System



HP-1000PRO-2-6100



Dispenser Sites



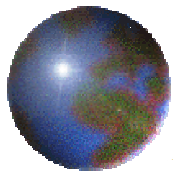
**President Bush's Ranch at
Crawford, TX**



Glacier National Park



“Propane One”



Dispenser Sites

San Diego RTC site



Regional Transportation Center
San Diego, California

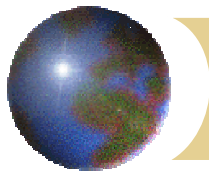
An Alternative Fuel Vehicle Project for the 21st Century



Flying J sites where they added propane with Advantage units



Shell Station Paraguay



Memberships & Facilities

Memberships Include



**National Conference
of Weights &
Measures**

Current Production Facility



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